

Improving the olive production in Tunisia: Virtual and practical pruning training

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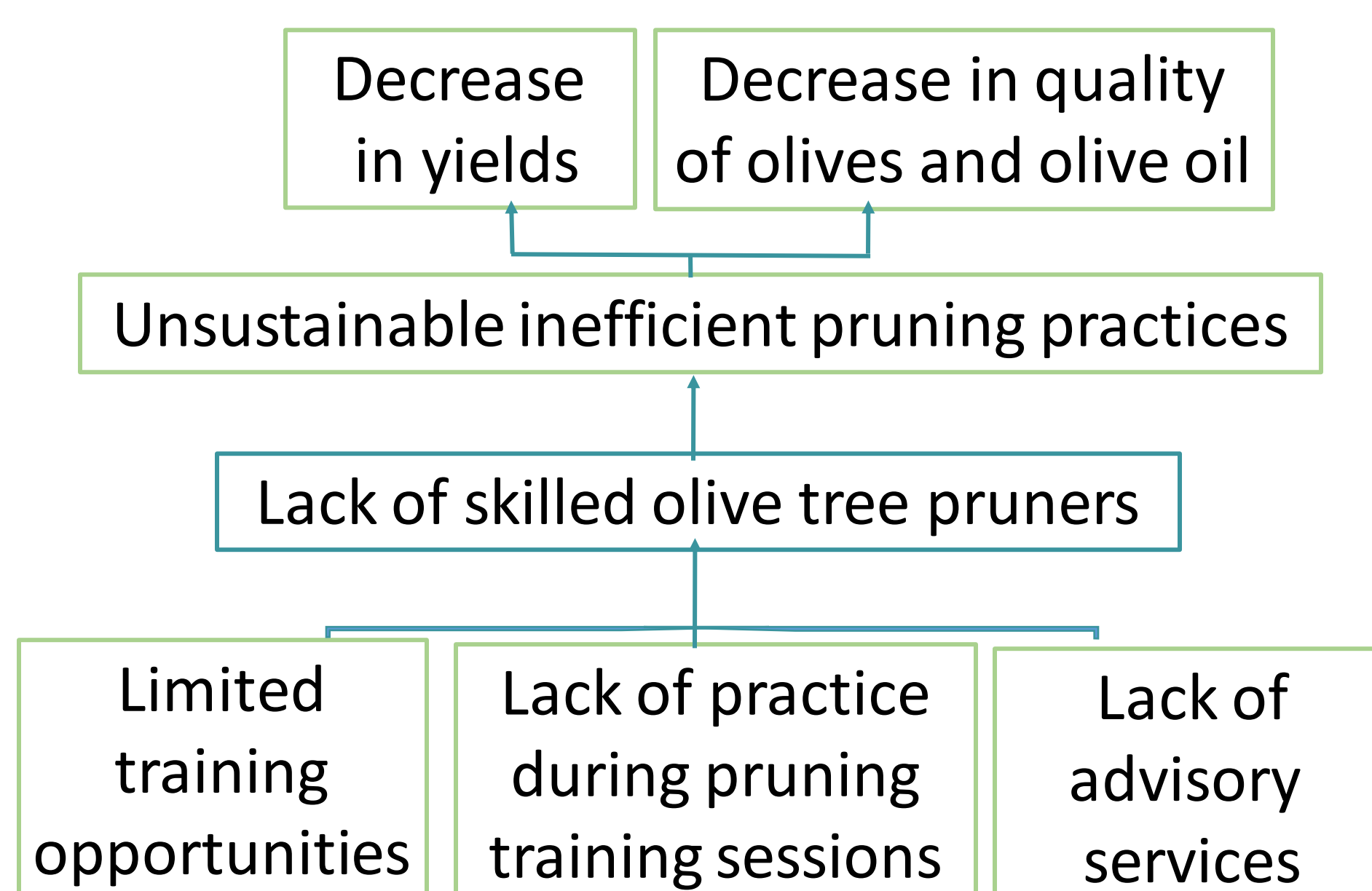
Introduction

- Unskilled pruning workforce is an issue that has an impact on olive value chain in Tunisia.
- Through the use of 3D models from real-life case studies, the Virtual pruning Training (VPT) program showcases successful pruning practices and their positive effects on olive production.

Objectives

- To increase the number of qualified pruning workforce
- To improve olive production
- To create job opportunities especially for women and youth
- To promote sustainable pruning practices

Problem tree



Possible risks

- Aerial photography using drones
- Resistance to change
- Low digital literacy



Conclusion

- Pruning is a fundamental practice for maintaining the vitality, productivity and sustainability of olive trees.
- VPT together with practical training has the potential to revolutionize this practice and improve sustainability in



Key tasks

- Partnership development
- Aerial photography using drones and 360° cameras
- 3D modelling of the different trees
- Platform implementation
- VR environment creation
- Virtual training delivery
- Field trips and practical sessions
- Monitoring and evaluation
- Marketing and outreach
- Continuous improvement

Results

- Training modules developed: virtual and practical modules
- Platform implemented
- VR environment implemented
- Partnerships established
- Training of trainer delivered

Expected outcomes

- 3 delivered training sessions per year
- Improved access to olive tree pruning training
- Improved knowledge
- Higher consciousness achieved towards sustainable pruning practices
- Empowered pruning workforce